



ILLINOIS DEPARTMENT OF
PUBLIC HEALTH

A Healthier Today For A Better Tomorrow

Bernard J. Turnock, M.D., Director

A. 2
L.1630200005 - St. Clair 4/3/90
Sauget Sites (Area 1) - Saug
SF/Techn
153643

MEMORANDUM

TO: Paul Takacs, IEPA/LPC
Federal Site Management Unit

FROM: Tom Long, Environmental Toxicology *TL*

DATE: April 3, 1990

SUBJECT: 1630200005 - St. Clair County - Sauget/Sauget Sites
ILD #9807920006

RE: Cerro Copper Drum Incident 9/20/89

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I am in the process of reviewing the file information regarding this incident on behalf of Robert Gusman, the worker injured as a result of the release. A couple of points occur to me as I read over these reports which I pass on to you for what it is worth.

- 1) The identified constituents in the soil samples indicate Monsanto is the most probable source of this waste. The large number of chlorinated organics, including benzenes, anilines, phenols, and PCBs are consistent with Monsanto's past (and present) product line.
- 2) The presence of the phenoxy herbicides 2,4-D and 2,4,5-TP and certain precursor chemicals (e.g. 2,4,5-trichlorophenol, etc.) are again Monsanto products of the past. They are additionally ingredients or related to ingredients of Agent Orange. I would assume a high potential for dioxin contamination of this area. If any of the original sample is archived or if additional work is to be done in the area, I would recommend a dioxin/furan analysis be considered. You may also wish to bear this possibility in mind in regards to selection of personal protection.

Thank you for your consideration of this matter. Please call if further information is required or questions remain.

SECRET

APR - 5 1990

IEPA/LPC

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